

Amendments to the CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A vehicle panel, comprising:

an interior trim panel for trimming a passenger compartment of a vehicle roof having a non-flat, contoured, passenger compartment-facing inboard surface, including a core layer including a first polymer material having heat absorbing properties, and a film layer bonded without an adhesive to the core layer including a second polymer material having heat reflection properties, wherein the second material is coated with a metallic material to define a heat formable metalized film layer, wherein said heat formable metalized film layer is formed to define a non-flat topography that matches the non-flat, contoured, passenger-compartment-facing inboard surface of the vehicle roof, wherein said interior trim panel comprises a headliner.

2. (Previously Presented) The vehicle panel of claim 1, wherein said first material is heat bondable to the second material.

3. (Previously Presented) The vehicle panel of claim 2, wherein said polymer of said second material that forms said heat formable metalized film layer comprises polyethylene terephthalate (PET).

4-5. (Previously Cancelled)

6. (Cancelled)

7. (Previously Presented) The vehicle panel of claim 6, wherein said heat formable layer of metalized film layer is positioned nearest to the non-flat, contoured, passenger-compartment-facing inboard surface of the vehicle roof without any air gap therebetween.

8. (Previously Canceled)

9. (Previously Presented) An assembly of a vehicle including at least two panels, comprising:

a structural outer roof panel of a vehicle having a non-flat, contoured, passenger-compartment-facing inboard surface;

a passenger compartment interior trim panel disposed adjacent the structural outer roof panel of the vehicle, wherein the passenger compartment interior trim panel includes a core layer, and a heat formable metalized film layer bonded to said core layer, wherein said heat formable metalized film layer forms a non-flat topography of an outboard surface of the passenger compartment interior trim panel that matches the non-flat, contoured, passenger-compartment-facing inboard surface of the structural outer roof panel of the vehicle without an air gap between the structural outer roof panel of the vehicle and the passenger compartment interior trim panel.

10. (Previously Presented) The assembly of a vehicle including at least two panels of claim 9, wherein said core layer includes a first material, wherein said heat formable metalized film layer includes second material, wherein the first material is compatible with the second material, wherein each of the first material and the second material includes a polymer material.

11. (Previously Presented) The assembly of a vehicle including at least two panels of claim 10, wherein said polymer material comprising said second material that forms said heat formable metalized film layer comprises polyethylene terephthalate (PET).

12. (Previously Presented) The assembly of a vehicle including at least two panels of claim 10, wherein said first material comprising said core layer is an insulating material.

13. (Previously Presented) The assembly of a vehicle including at least two panels of claim 12, wherein said first material comprising said core layer comprises polypropylene.

14. (Previously Presented) The assembly of a vehicle including at least two panels of claim 9, wherein said passenger compartment interior trim panel comprises a headliner.

15. (Previously Cancelled)

16. (Withdrawn) A method of manufacturing a vehicle panel having a non-flat topography, comprising the steps of:

- positioning a core layer on a first mold half of a mold tool;
- positioning a heat formable metalized film on a second mold half of the mold tool; and
- closing the first and second mold halves and applying heat to the core layer such that the heat from core layer is transferred to the metalized film, whereby the metalized film becomes formable and bonds to the core layer, and whereby the metalized film forms a metalized contoured panel matching an exterior surface of a vehicle.

17. (Withdrawn) The method of claim 16, wherein the vehicle panel is attached to a vehicle surface substantially without an air gap.

18. (Previously Presented) A vehicle roof construction comprising:

- an outer structural panel having an outer surface and a passenger-compartment-facing inboard surface, wherein the outer structural panel forms a non-flat vehicle roof; and
- an interior trim panel having a vehicle-roof-facing outboard surface and an inner surface, wherein the interior trim panel forms a headliner adjacently-attached to the passenger-compartment-facing inboard surface without an air gap therebetween, wherein the headliner includes a thermoformed film layer facing and attached to said passenger-compartment-facing inboard surface of said vehicle roof, and a core layer heat bonded to said film layer, wherein the core layer includes a first material having heat absorbing or insulating properties, wherein the film layer includes a second material having heat-reflecting properties, wherein each of the first material and the second material includes a polymer material, wherein the second material that forms the film layer is coated with a metallic material to define a metalized film layer.

19. (Previously Presented) The vehicle roof construction of claim 18, wherein the polymer material comprising the second material of the metalized film layer comprises:

a polyethylene terephthalate (PET).

20-21. (Previously Cancelled)

22. (Previously Presented) The vehicle roof construction of claim 20, further comprising:

a second layer attached thereto or a surface opposite of said metalized film layer.

23. (Previously Presented) The vehicle roof construction of claim 22, wherein said second layer is a fabric material.